

Hemyock



DNOA Decision

Reinforce with Flexibility

Constraint description

Hemyock primary is a single 33/11 kV transformer site with firm capacity reliant on 11 kV interconnection. The capacity is expected to be exceeded for an outage of the transformer.

Reinforcement description

Installing a second primary transformer and new 11 kV board.



Constraint Season
Winter and Summer



Outage Type
N-1



Justification for decision

Reinforcement works are being progressed. Flexibility will be utilised as required to manage the constraint in the interim.

Constraint management timeline

- 2024 H2 Procurement
- 2024 H1 Procurement
- 2023 H2 Procurement
- 2023 H1 Procurement
- 2022 H2 Procurement
- 2022 H1 Procurement
- 2021 H2 Procurement

Time to Reinforce: 3 years

Constraint Type: Demand

Estimated flexibility price (£/MWh) and volumes (MWh) per year under Best View:

	2024	2025	2026	2027	2028	2029
Availability	£150 / MWh 23 MWh	£150 / MWh 12 MWh	£150 / MWh 9 MWh	£150 / MWh 6 MWh	£150 / MWh 4 MWh	£150 / MWh 3 MWh
Utilisation	£9,000 / MWh 3 MWh	£9,000 / MWh 3 MWh	£9,000 / MWh 2 MWh	£9,000 / MWh 2 MWh	£9,000 / MWh 1 MWh	£9,000 / MWh 1 MWh



For more information see the **Tiverton BSP NDP report**: <https://www.nationalgrid.co.uk/dso/network-development-plan>